

Abstract of the Disclosure

An optical low pass filter includes a first birefringence plate that divides an incident ray into two rays, and a second birefringence plate that divides an incident ray into two rays. The first birefringence plate and the second birefringence plate are cemented with each other. Light passed through the first birefringence plate passes through the second birefringence plate. The first birefringence plate and the second birefringence plate are arranged such that a separation angle θ_s representing a difference between the direction in which the first birefringence plate divides the incident ray and the second direction in which the second birefringence plate divides the incident ray satisfies a condition below:

$$45^\circ < \theta_s < 90^\circ.$$